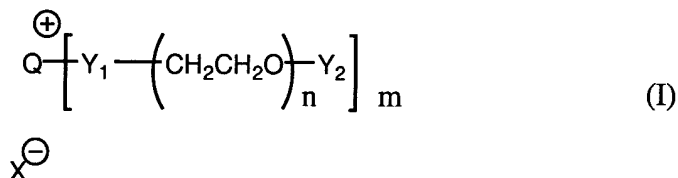


AMENDMENTS TO THE CLAIMS

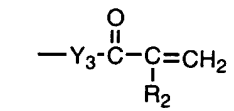
This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A polymerizable molten salt monomer represented by the following general formula (I):



wherein Q represents an imidazole; Y₁ represents a ~~divalent interlocking group~~ CH₂O or a bonding hand; Y₂ represents a substituted or unsubstituted alkyl group; n represents an integer of from 2 to 20; m represents an integer of from 2 to 5; X⁻ represents an anion; plural Y₁'s and plural Y₂'s may be the same or different, respectively, with the proviso that at least one of Y₂'s has a polymerizable the ~~substituent group~~

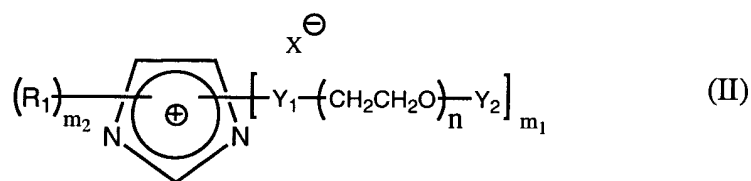


wherein R₂ is hydrogen or alkyl, and

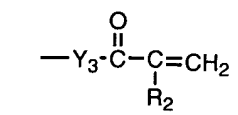
Y₃ is oxygen; and

a plurality of the compounds of the general formula (I) may be connected to each other at Q or Y₂ to form a dimer, trimer or tetramer.

2. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein the general formula (I) is represented by the following general formula (II):



wherein Y₁ represents ~~a divalent interlocking group~~ CH₂O or a bonding hand; Y₂ represents a substituted or unsubstituted alkyl group; R₁ represents a substituent; n represents an integer of from 2 to 20; m₁ represents an integer of from 2 to 5; m₂ represents an integer of from 0 to (5 - m₁); X⁻ represents an anion; plural Y₁'s and plural Y₂'s may be the same or different, respectively, with the proviso that at least one of Y₂'s has ~~a polymerizable~~ the substituent group

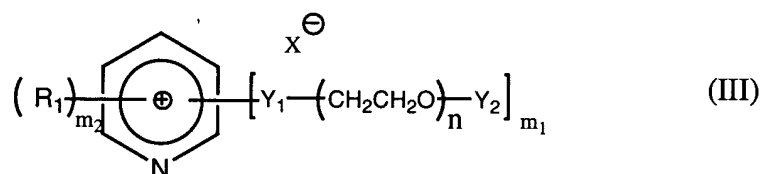


wherein R₂ is hydrogen or alkyl, and

Y₃ is oxygen; and

a plurality of the compounds of the general formula (II) may be connected to each other at R₁ or Y₂ to form a dimer, trimer or tetramer.

3. (withdrawn): The polymerizable molten salt monomer according to Claim 1, wherein the general formula (I) is represented by the following general formula (III):



wherein Y_1 represents a divalent interlocking group or a bonding hand; Y_2 represents a substituted or unsubstituted alkyl group; R_1 represents a substituent; n represents an integer of from 2 to 20; m_1 represents an integer of from 2 to 6; m_2 represents an integer of from 0 to $(6 - m_1)$; X^- represents an anion; plural Y_1 's and plural Y_2 's may be the same or different, respectively, with the proviso that at least one of Y_2 's has a polymerizable substituent group; and a plurality of the compounds of the general formula (III) may be connected to each other at R_1 or Y_2 to form a dimer, trimer or tetramer.

4-6. (canceled).

7. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein X^- in the general formula (I) to (III) is a halogen anion, an amide anion or a fluoride anion containing at least one element selected from the group consisting of boron (B), phosphorus (P) and sulfur (S).

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 09/765,368

8. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein X⁻ in the general ~~formulae~~ formula (I), ~~and (III)~~ is an iodine anion.

9. (withdrawn): An electrolyte composition containing a polymer compound obtained by polymerizaing a polymerizable molten salt monomer according to Claim 1.

10. (withdrawn): The electrolyte composition according to Claim 9, further comprising iodine.

11. (withdrawn): The electrolyte composition according to Claim 9, further comprising a lithium salt.

12. (withdrawn): An electrochemical cell containing an electrolyte composition according to Claim 9.

13. (withdrawn): A photoelectrochemical cell comprising:
a charge-transferring layer containing an electrolyte composition according to Claim 9;
a photosensitive layer containing a semiconductor sensitized with a dye; and a counter electrode.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 09/765,368

14. (withdrawn): A nonaqueous secondary cell containing an electrolyte composition according to Claim 9.